



## Purpose

This document describes how to install the Mac OS/X NRPE agent for Nagios XI.

## Target Audience

This document is intended for use by Nagios XI Administrators that would like to use Nagios XI to monitor Mac OS/X.

## Dependencies

- OS/X Development tool Xcode installed on OS/X system
  - This is installed from the App Store (it is called Xcode) or download directly from:  
<https://developer.apple.com/>
- OpenSSL installed via Homebrew
  - OpenSSL used to be included with Xcode however it is not longer part of the Xcode package so it must be installed separately.
  - Steps for installing OpenSSL using Homebrew are shown below

## Xcode Command Line Developer Tools

After installing Xcode from the App Store, the following command must be executed first before Xcode can be used. Open a terminal session on you Mac OS/X and execute the following command:

```
sudo xcodebuild -license
```

Press the **Return** key to view the license agreement.

After reading the license agreement type **q** .

Then type **agree** and press the **Return** key.

Execute the following command to install the Command Line Tools for Xcode:

```
sudo xcode-select --install
```

You will be prompted on your Mac display to install the component, click **Install**.

Click **Agree**.

Wait while it is downloaded and installed.

## OpenSSL Installation

First Homebrew must be installed. In a terminal session on you Mac OS/X and execute the following command to install Homebrew:

```
/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

Press the **Return** key to continue.

Wait while Homebrew is installed.

Now install OpenSSL by executing the following command based on OS:

### Non-Monterey OS

```
brew install openssl
```

### MacOS Monterey

```
brew install openssl@1.1
```

```
ln -s '/usr/local/opt/openssl@1.1' /usr/local/opt/openssl
```

Wait while OpenSSL is installed.

## NRPE Installation Steps

Download the Nagios Mac OS X Agent by executing the following commands:

```
cd /tmp
curl -o macosx-nrpe-agent.tar.gz https://assets.nagios.com/downloads/nagiosxi/agents/macosx-nrpe-agent.tar.gz
```

Run the following commands to install NRPE:

```
tar xzf macosx-nrpe-agent.tar.gz
cd macosx
sudo ./fullinstall
```

The install will prompt you for a the IP address of your Nagios XI server, for example:

```
Allow from: 10.25.5.11
```

A successfully install should end with:

```
### Nagios Mac OSX Agent Installation Complete! ###
```

## Monitoring From Nagios XI

Now that you have installed the NRPE agent on Mac OS/X you can now run the Mac OS/X configuration wizard. Please refer to the following documentation which will step you through it:

[Monitoring OSX With Nagios XI](#)

## Finishing Up

This completes the documentation on how to install the Mac OS/X agent.

If you have additional questions or other support related questions, please visit us at our Nagios Support Forums:

<https://support.nagios.com/forum>

The Nagios Support Knowledgebase is also a great support resource:

<https://support.nagios.com/kb>